

The Advanced Material

The Significant Differences...

PRODUCT DATA SHEET

Rev. 1/04.05

SURESEAL 8050 PU HEAVY DUTY POLYURETHANE TOPPING

DESCRIPTION

SURESEAL 8050 PU is a pigmented three component polyurethane topping designed to provide excellent durability, resistance to thermal shock, resistance against abrasion, impact and chemical attack. It provides a matt and textured surface with good anti-skid characteristics for safe working environment.

RECOMMENDED USES

SURESEAL 8050 PU has been designed for floors subjected to high traffic, hot water and corrosive chemicals. The typical areas where **SURESEAL 8050 PU** is recommended are engineering workshops, assembly plants, chemical plants, food and pharmaceutical factories and warehouses.

ADVANTAGES

- Seamless – prevents ingress of chemicals into the substrate prevents bacterial growth.
- Hard wearing- suitable for vehicular traffic.
- Non skid – prevents accidents in wet areas.
- Easy maintenance facilitate house.
- keeping works and lower maintenance costs.
- Colour variety – available in wide range of colours to suit individual needs.

TYPICAL CHEMICAL RESISTANCE

EXPOSURE	SPLASH & SPILLAGE
Acids	Very Good
Alkali	Excellent
Solvents	Very Good
Salts	Excellent
Water	Excellent

For exposure to specific chemicals, please contact PLC Laboratory Technician Division for further assistance.

PHYSICAL DATA

Solids	: 100%
No. of Components	: Three
Recommended	: 5 mm to 12 mm thickness
Pot Life	: 20 minute 30°C
Drying Time	
Initial cure	: 1 hour
Full traffic	: 12 hours
Full cure	: 7 days
Compressive Strength	: 70N/mm ²
Flexural Strength	: 30N/mm ²
Tensile Strength	: 75N/mm ²
Shore-D Hardness	: 77 -74
Elongation	: 2.9%
Water Absorption	: 0.45%
Abrasion Resistance	: 0.038 gm / 1000 cycle

APPLICATION INSTRUCTIONS

Surface Preparation : Concrete surface should be clean and free from oil, grease and other contaminants. New concrete shall be allowed to cure for at least 28 days before application of primer. Preparation by captive blasting or diamond grinding will provide surface ideal for application of topping.

Primer : Application of SURESEAL PS 38 concrete primer will enhance the adhesion of the screed materials to the concrete slab.

Mixing : Stir PART A thoroughly then empty PART B into PART A container and mix till homogeneous. Add gradually the entire content of PART C into the mixture while stirring. Continue until a uniform mixture is obtained.

Application : Pour the mixture of Components A, B and C onto the hardened primer surface and spread evenly with steel trowel.